Miele

Operating and installation instructions

Refrigerator with PerfectFresh zone and dynamic cooling
K 9457 iD-4
K 9557 iD-3/-4
K 9757 iD-3

To avoid the risk of accidents or damage to the appliance, it is **essential** to read these instructions before it is installed and used for the first time.

en - GB

M.-Nr. 09 016 100

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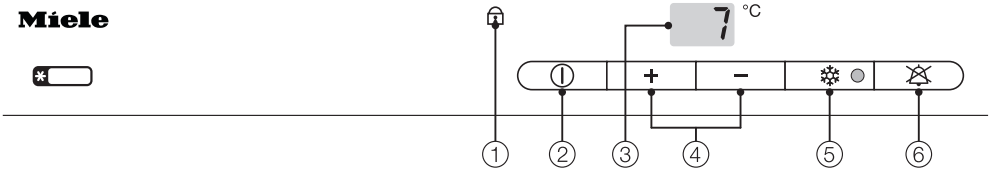
Guide to the appliance



① Safety lock indicator light

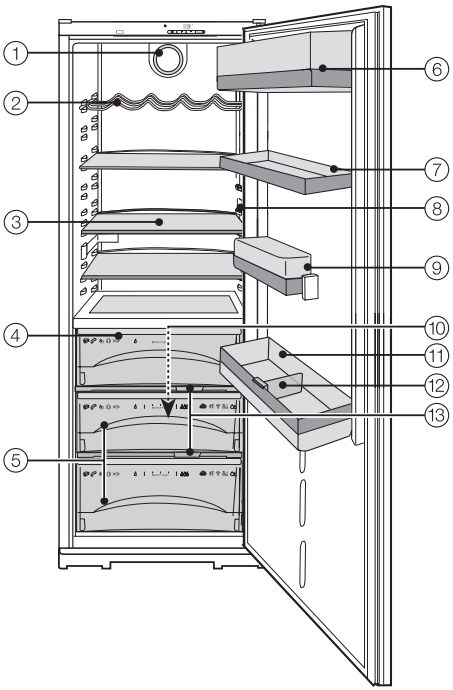
② On/Off button

③ Refrigerator temperature display

④ Temperature selector buttons (+ for warmer; – for colder)

⑤ Super cool button and indicator light

⑥ Alarm off button



① Fan for dynamic cooling

② Bottle rack

③ Adjustable shelves

④ PerfectFresh zone, dry compartment

⑤ PerfectFresh zone, humidity controlled compartments (or compartment, depending on model)

⑥ Butter and cheese compartment

⑦ Egg tray/Condiment tray

⑧ Interior lighting

⑨ Universal container*

⑩ Condensate channel and drain hole

⑪ Bottle shelf

⑫ Bottle divider

⑬ Regulator to set the humidity level in the humidity controlled compartments (or compartment, depending on model)

* Depending on model

Caring for the environment

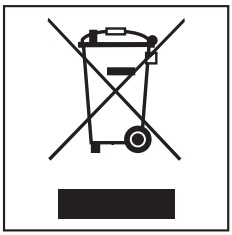
Disposal of the packing material

The transport and protective packing has been selected from materials which are environmentally friendly for disposal, and should be recycled.

Ensure that any plastic wrappings, bags etc. are disposed of safely and kept out of the reach of babies and young children. Danger of suffocation!

Disposal of your old appliance

Electrical and electronic appliances often contain materials which, if handled or disposed of incorrectly, could be potentially hazardous to human health and to the environment. They are, however, essential for the correct functioning of your appliance. Please do not therefore dispose of it with your household waste.



Please dispose of it at your local community waste collection / recycling centre or contact your dealer for advice. Ensure that it presents no danger to children while being stored for disposal.

Take care not to damage the pipework at the back of it before or during transportation to an authorised collection depot.
In this way, refrigerant in the pipework and oil in the compressor will be contained, and will not leak out into the environment.

This appliance complies with all relevant legal safety requirements. Improper use of the appliance can, however, present a risk of both personal injury and material damage.

To avoid the risk of accidents and damage to the appliance, please read these instructions carefully before installation and before using it for the first time. They contain important notes on the installation, safety, operation and care of the appliance.

Keep these instructions in a safe place and pass them on to any future user.

Correct application

▶ This appliance is not designed for commercial use. It is intended for use in domestic households and in similar working and residential environments. This appliance is not intended for outdoor use.

▶ This appliance is intended for domestic use only, to cool and store foodstuffs.
Any other usage is not supported by the manufacturer and could be dangerous. Miele cannot be held liable for damage resulting from incorrect or improper use or operation of the appliance.

▶ The appliance can only be used by people with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, if they are supervised whilst using it, or have been shown how to use it in a safe way and understand the hazards involved.

Safety with children

▶ Children under 8 years of age must be kept away from the appliance unless they are constantly supervised.

▶ Children 8 years and older may only use the appliance without supervision if they have been shown how to use it in a safe way and understand the hazards involved.

▶ Children must not be allowed to clean or maintain the appliance unsupervised.

▶ This appliance is not a toy! To prevent the risk of injury, do not allow children to play with it, for example to climb inside the drawers or to swing on the door.

▶ The door hinges can cause injury. Keep children well away at all times.

▶ Do not allow children to play with the packaging material, e.g. plastic bags and wrappings. Danger of suffocation.

Technical safety

▶ Before setting up the appliance, check it for any externally visible damage.
Do not install and use a damaged appliance.

▶ This appliance contains the coolant Isobutane (R600a), a natural gas which is environmentally friendly. Although it is flammable, it does not damage the ozone layer and does not increase the greenhouse effect. The use of this coolant has, however, led to a slight increase in the noise level of the appliance. In addition to the noise of the compressor, you might be able to hear the coolant flowing around the system. This is unavoidable, but does not have any adverse effect on the performance of the appliance.
Care must be taken during the transportation and setting up of the appliance that no parts of the cooling system are damaged. Leaking coolant can be harmful to the eyes.
In the event of any damage:
- avoid open fires and anything which creates a spark,
- disconnect from the mains,
- air the room in which the appliance is located for several minutes and
- contact the Service Department for advice.

▶ The more coolant there is in an appliance, the larger the room it should be installed in. In the event of a leakage, if the appliance is in a small room, there is the danger of combustible gases building up.
For every 8 g of coolant at least 1 m^3 of room space is required. The amount of coolant in the appliance is stated on the data plate inside the appliance.

▶ Before connecting the appliance to the mains supply, make sure that the rating on the data plate corresponds to the voltage and frequency of the household supply.
This data must correspond in order to avoid the risk of damage to the appliance. Consult a qualified electrician if in any doubt.

▶ The electrical safety of this appliance can only be guaranteed when continuity is complete between it and an effective earthing system which complies with current local and national safety regulations. It is most important that this basic safety requirement is present and tested regularly, and where there is any doubt, the household wiring system should be inspected by a qualified electrician. The manufacturer cannot be held liable for damage or injury caused by the lack of or inadequacy of an effective earthing system (e.g. electric shock).

▶ If the connection cable is faulty it must only be replaced by a Miele approved service technician to protect the user from danger.

▶ Safe operation of the appliance is only assured if it has been installed and connected in accordance with these operating and installation instructions.

▶ This appliance must not be used in a non-stationary location (e.g. on a ship).

▶ Installation work, maintenance and repairs may only be carried out by suitably qualified and competent persons in accordance with national and local safety regulations.
Repairs and other work by unqualified persons could be dangerous and the manufacturer will not be held liable.
Ensure current is not supplied to the appliance until after maintenance or repair work has been carried out.

▶ The appliance is only completely isolated from the electricity supply when:

– it has been switched off at the wall socket and the plug has been withdrawn,
– the mains fuse is withdrawn, or
– the screw-out fuse is removed in countries where this is applicable.

▶ Do not connect the appliance to the mains electricity supply by an extension lead.
Extension leads do not guarantee the required safety of the machine (e.g. danger of overheating).

▶ In countries where there are areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the appliance and its surroundings in a clean condition at all times. Any damage which may be caused by cockroaches or other vermin will not be covered by the guarantee.

Correct use

▶ Never store explosive materials in the appliance or any products containing propellants (e.g. spray cans). Thermostats switching on may produce sparks which could present a fire hazard. Flammable compounds could explode.

▶ Do not operate any electrical equipment (e.g. an electric ice-cream maker) inside the appliance. Danger of sparking and explosion.

▶ If storing alcohol with a high percentage proof, make sure it is tightly closed and stored upright.
Danger of explosion.

▶ Observe the "use by" dates given on food to avoid the risk of food poisoning. Storage times will depend on several factors, including the freshness and quality of the food as well as the temperature at which it is stored. Follow the instructions given on the food manufacturer’s packaging on storage conditions required.

▶ Do not use sharp edged objects to

– remove frost and ice,

– separate food which has become frozen.

They will damage the evaporator, causing irreversible damage to the appliance.

▶ Do not use defrosting sprays or de-icers, as they might contain substances which could damage the plastic parts or which could cause a build-up of gases and pose a danger to health.

▶ Do not use any oils or grease on the door seal as these will cause the seal to become porous with time.

▶ Do not store cooking oil in the refrigerator door. Traces of oil can cause stress cracks to occur in the plastic components in the door.

▶ Do not block the ventilation gap in the plinth or the top of the appliance housing unit as this would impair the efficiency of the appliance, increase the electricity consumption and could cause damage to the appliance.

▶ The appliance is designed for use within certain climate ranges (ambient temperatures), and should not be used outside this range. The climate range for your appliance is stated on the data plate inside the appliance.
Installing it in a room with too low an ambient temperature, e.g. a garage, can lead to the appliance switching off for longer periods so that it cannot maintain the required temperature.

▶ Never use a steam-cleaning appliance to clean this appliance. Pressurised steam could reach the electrical components and cause a short circuit.

Disposal of your old appliance

▶ Before disposing of an old appliance first make the door latch or lock unusable.
This way you will prevent children from accidentally locking themselves in and endangering their lives.

▶ Be careful not to damage any part of the pipework whilst awaiting disposal, e.g. by

– puncturing the refrigerant channels in the evaporator.

– bending any pipework.

– scratching the surface coating.

Splashes of refrigerant can damage the eyes.

The manufacturer cannot be held liable for damage caused by non-compliance with these Warning and Safety instructions.

	Normal energy consumption	Increased energy consumption
Installation site	In a ventilated room.	In an enclosed, unventilated room.
	Protected from direct sunlight.	In direct sunlight.
	Not near to a heat source (radiator, oven).	Near to a heat source (radiator, oven).
	Where the ideal ambient room temperature is approx. 20°C.	Where there is a high ambient room temperature.
	Do not cover the ventilation gaps and dust them regularly.	
Temperature setting with a thermostat which is approximate (set in stages).	With a medium setting of 2 to 3.	With a high setting: the lower the temperature in the compartment, the higher the energy consumption.
Temperature setting with a thermostat which is exact to the degree (digital display).	Larder section 8 to 12 °C	On appliances with winter setting, please make sure that the winter setting is switched off when the ambient temperature is warmer than 16 °C .
	Refrigerator section 4 to 5 °C	
	PerfectFresh zone just above 0 °C	
	Freezer section -18 °C	
	Wine storage section 10 to 12 °C	
Use	Drawers, shelves and racks arranged as they were when the appliance was delivered.	
	Only open the door when necessary and for as short a time as possible.	Frequent opening of the door for long periods will cause a loss of coldness.
	Store food in an organised way.	Searching for an item will mean the door is open for longer.
	Allow hot food and drinks to cool down before placing them in the appliance.	Hot food will cause the compressor to run for a long time, as the appliance will have to work harder to reduce the temperature.
	Store food covered or packaged.	The evaporation or condensation of liquids will cause a loss of coldness in the refrigerator.
	Place frozen food in the refrigerator to defrost.	
	Do not over-fill the appliance to allow air to circulate.	
Defrosting	Defrost the freezer section when a layer of ice 0.5 cm thick (maximum) has built up.	A layer of ice hinders the cold from reaching the frozen food, and increases energy consumption.

Before using for the first time

Protective foil

The stainless steel trim, frames and panels have a layer of protective foil to prevent scratching during transportation.

- Carefully remove the protective foil from them.

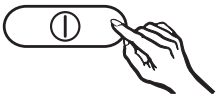
Cleaning and care

- After removing the protective foil, treat stainless steel surfaces with the Miele stainless steel conditioning agent supplied with the appliance (available to re-order from www.miele-shop.com).

Important! Each time it is used, the Miele stainless steel conditioning agent forms a water and dirt repellent protective coating.

- Clean the inside of the appliance and the accessories with lukewarm water and a little washing-up liquid, and then dry with a soft cloth.

Switching on

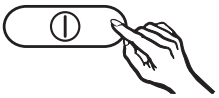


- Press the On/Off button.

The temperature display lights up, the appliance starts cooling and the interior light will come on when the door is opened.

To enable the temperature to get sufficiently cold inside the appliance, allow the appliance to run for a few hours before placing food in it.

Switching off



- Press the On/Off button until the temperature display goes out.

The cooling system is switched off. (If this does not happen, the safety lock is still activated).

Safety lock

The safety lock can be activated to prevent the appliance being switched off inadvertently.

Activating or de-activating the safety lock

- Press and hold the Super cool button pressed in for approx. 5 seconds.

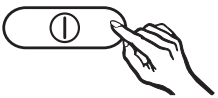
The Super cool indicator light flashes, and a *c* flashes in the temperature display.

- Press the Super cool button again.

c will light up in the display.

- You can now choose between *c 0* and *c 1* by pressing the temperature selector buttons:
  0: the safety lock is de-activated,
  1: the safety lock is activated.
- Press the Super cool button to save the setting.

The safety lock indicator light will light up when the safety lock has been activated.



- Press the On/Off button to come out of the setting mode.

If you do not do this, the electronics will switch over to normal operation automatically after a couple of minutes.

Switching off for longer periods of time

If the appliance is not going to be used for a longer period of time, e.g. whilst on holiday:

- switch the appliance off,
- disconnect it from the mains. Switch off at the wall and withdraw the plug from the socket, or disconnect the mains fuse.
- clean the appliance out and
- leave the door ajar to air the appliance.

If, during a long absence, the appliance is switched off but not cleaned out and the door is left shut, there is a danger of mould and odours building up inside the appliance.

The correct temperature

It is very important to set the correct temperature for storing food in the appliance. Micro-organisms will cause food which is not stored at the correct temperature to deteriorate rapidly. Temperature influences the growth rate of these micro-organisms. Reducing the temperature reduces their growth rate.

The temperature in the appliance will rise:

– the more often the door is opened and the longer it is kept open,

– if too much food is stored in it at once,

– the warmer the food is which is being put into it,

– the higher the ambient temperature surrounding the appliance.
The appliance is designed for use in specific ambient temperatures (climate ranges). Do not use in ambient temperatures for which it is not designed.

. . . in the refrigerator and the PerfectFresh zone

We recommend a temperature of **4 °C** in the refrigerator.

The temperature in the PerfectFresh zone is controlled automatically, and is maintained at **0 to 3 °C**.

Dynamic cooling

The dynamic cooling fan automatically switches on when the cooling system for the refrigerator switches on. It distributes the temperature in the appliance to all areas more evenly so that all the food will be chilled to about the same degree.

Setting the temperature in the refrigerator

Use the two buttons underneath the temperature display to set the temperature for the refrigerator.

Press the

+ button : to raise the temperature (it gets warmer)
– button: to reduce the temperature (it gets cooler).

The temperature being set will flash in the display.

When pressing the buttons, the following information shows in the display:

– When first pressed, the **last temperature selected** flashes.

– Each subsequent press of the button adjusts the temperature shown in 1 °C steps.

– Keeping the button pressed in adjusts the temperature continually.

Approx. 5 seconds after letting go of the button, the **current average** temperature of the refrigerator is automatically shown.

If you have adjusted the temperature, **wait for approx. 6 hours if the appliance is not very full** and **for approx. 24 hours if the appliance is full**, before checking the temperature display, as it will take this long for the display to give an accurate reading. If, after this time, the temperature is still too high or too low, you will need to adjust it again.

Temperature range

The temperature can be adjusted from: 4 °C to 9 °C

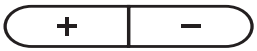
The ambient temperature in the room and the installation location can affect the time it takes for the appliance to reach the lowest temperature. If the ambient temperature is too high, the appliance may not reach the lowest temperature.

Setting the temperature in the PerfectFresh zone

The temperature in the PerfectFresh zone is automatically held at 0 to 3 °C. It can be raised or lowered, e.g. if you want to use it for storing items like fish.

- Press and hold the Super cool button pressed in for approx. 5 seconds.

The Super cool indicator light flashes, and a **c** flashes in the temperature display.



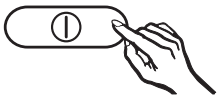
- Press one of the temperature selector buttons repeatedly until a **b** appears in the display. Press the Super cool button again.

b lights up in the display.

- You can now adjust the temperature in the PerfectFresh zone by pressing the temperature selector buttons. You can choose from settings *1* to *9*:
  1: lowest temperature,
  9: highest temperature.

> **b 5** is the default setting for the PerfectFresh zone. If a setting of **b 1** to **b 4** is selected, the temperature can fall below 0°C. Food could freeze!

- Press the Super cool button to save the setting.



- Press the On/Off button to come out of setting mode.

If you do not do this, the electronics will switch over to normal operation automatically after a couple of minutes.

Temperature display

During normal operation, the temperature display on the control panel shows the average temperature in the refrigerator.

If the temperature is not within the range that the appliance is able to display, bars will flash in the temperature display.

Temperature display brightness

The appliance is supplied with the brightness of the temperature display set as low as possible. However, if the door is opened, a setting changed or if the alarm is sounding, the temperature display will appear much brighter.

The level of brightness can be adjusted:

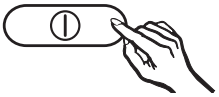
- Press and hold the Super cool button pressed in for approx. 5 seconds.

The Super cool indicator light flashes, and a *c* flashes in the temperature display.

- Press one of the temperature selector buttons repeatedly until *h* appears in the display.
- Press the Super cool button again.

h lights up in the display.

- You can now adjust the level of brightness by pressing the temperature selector buttons. You can choose from settings *1* to *5*:
  1: dimmest setting,
  5: brightest setting.
- Press the Super cool button to save the setting.



- Press the On/Off button to come out of setting mode.

If you do not do this, the electronics will switch over to normal operation automatically after a couple of minutes.

Your appliance has been fitted with an alarm to avoid energy being wasted if the door is left open and to prevent stored food becoming too warm.

The alarm will sound if the door is left open for more than approx. 60 seconds. The alarm will stop as soon as the door is closed.

If you want to keep the door open for more than approx. 60 seconds, intentionally, we recommend that you switch the alarm off.

Switching the alarm off early

- Press the alarm off button.
  The alarm will stop.

Switching on the alarm system

The alarm system switches back on automatically as soon as the door is closed. It does not have to be switched on manually.

Super cool

The Super cool function can be used to rapidly reduce the temperature in the refrigerator section to its lowest setting (depending on the room temperature).

Switching on Super cool

Super cool is particularly recommended for faster chilling of large amounts of fresh food or drink.

- Press the Super cool button. The Super cool indicator light will come on.

  The appliance will then work at full power to lower the temperature.

Switching off Super cool

The Super cool function will switch itself off automatically after approx. 6 – 12 hours. The indicator light will go out and the appliance will run at normal power again.

To save energy, the Super cool function can be switched off once food and drinks are sufficiently chilled.

- Press the Super cool button. The Super cool indicator light will go out, and the appliance will continue to operate at normal power.

Different storage zones

Due to the natural circulation of air in the appliance, there are different temperature zones in the refrigerator. Cold, heavy air sinks to the lowest section of the appliance. Make use of the different zones when placing food in the appliance.

This appliance has automatic dynamic cooling, which helps to keep an even temperature when the fan is running, making the difference between the various zones less pronounced.

Warmest area

The warmest area is in the top section of the door. Use this for storing butter and cheese.

Coldest areas

The coldest areas in this appliance are directly above the PerfectFresh zone and in the PerfectFresh zone itself which is slightly colder still.

Use these areas for all delicate and highly perishable food, e.g.

– fish, meat, poultry,

– sausage products, ready meals,

– dishes or baked goods containing eggs or cream,

– fresh dough, cake mixtures, pizza or quiche dough,

– soft cheese and other dairy products,

– pre-packed vegetables and other fresh food with a label stating it should be kept at a temperature of approx. 4 °C.

Do not store explosive materials in the appliance or any products containing propellants (e.g. spray cans). Danger of explosion.

If storing alcohol with a high percentage proof, make sure it is tightly closed, and store upright.

If storing food which contains a lot of fat or oil, make sure that it does not come into contact with plastic components as this could cause stress cracks.

Food must not touch the back wall of the refrigerator, as it may freeze to the back wall.

To allow air to circulate efficiently, do not pack food too closely together in the refrigerator. Do not cover the fan in the rear wall of the refrigerator, as this is essential for keeping the appliance cool.

Food which is not suitable for storing in the refrigerator

Not all food is suitable for storing in a refrigerator at temperatures below 5 °C, as some food is sensitive to cold. Cucumbers, for example, become glassy, aubergines bitter and potatoes sweet. Tomatoes and oranges lose their aroma, and the peel on citrus fruits hardens.

Food which is sensitive to cold includes:

– Pineapples, avocados, bananas, pomegranates, mangos, melons, papayas, passion fruit, citrus fruit (such as lemons, oranges, mandarins, grapefruit),
– Fruit which is not yet ripe
– Aubergines/egg plant, cucumbers, potatoes, peppers/capiscum, tomatoes, courgettes/zucchini,
– Some hard cheeses, e.g. Parmesan

When shopping for food

The freshness of food when first placed in the appliance is an important factor in determining how long it stays fresh, and how long it can be kept in the refrigerator. Time out of the refrigerator, e.g. during transportation, should be kept to a minimum. For example, do not allow food to stay in a hot car for too long. Once food has started to deteriorate, this process cannot be reversed. As little as two hours outside the refrigerator can cause food to start deteriorating.

Storing food correctly

Food should generally be stored covered or packaged in the refrigerator (there are some exceptions to this rule in the PerfectFresh zone - see below). This will prevent food smells from affecting other food, food from drying out, and also any cross-contamination of bacteria. The growth of bacteria, such as salmonella, can be avoided by setting the correct temperature and maintaining good standards of hygiene.

Unpacked meat and vegetables

Unpackaged meat and vegetables should be stored separately. To avoid any microbiological cross-contamination, these foods may only be stored together if they are wrapped.

Food is stored at a lower temperature in the PerfectFresh zone than in the refrigerator section. The humidity in the PerfectFresh zone compartment can also be regulated to suit the food being stored, providing ideal storage conditions and ensuring that food stays fresh considerably longer while retaining both flavour and vitamins.

Storage temperature

The optimum storage temperature for fresh food which can tolerate cold temperatures is 0 - 3 °C. This is the temperature range which is automatically maintained in the PerfectFresh zone. Food can be stored there at this temperature without loss of freshness for considerably longer than in a standard refrigerator, as the deterioration process is decelerated at this temperature.

Remember that the fresher the food when placed in the appliance, the longer it will stay fresh.

Humidity level

The humidity level in the PerfectFresh compartment will depend on

– the moisture content of the food being stored and

– the quantity of food being stored.

Use the regulator to adjust the humidity level in the PerfectFresh compartment.

The closer the storage humidity is to the humidity content of the food, the crisper and fresher the food remains over a longer period, as the water content of the food is largely retained.

Storing food in the PerfectFresh zone compartments

The PerfectFresh zone is divided into two areas, the dry compartment and the humidity-controlled compartment (the number of compartments will vary depending on model).

Dry compartment

The dry compartment has a relatively low humidity level that is approx. the same as that in the refrigerator. So the main advantage of the dry compartment is the low temperature (rather than the humidity).

– The dry compartment is ideal for storing particularly sensitive foods, such as fresh fish, shellfish, meat, poultry, sausages, dairy products and salad.

Please note that foods rich in protein deteriorate faster than others. Shellfish, for example, deteriorates faster than fish, and fish deteriorates faster than meat.

Always keep these foods **covered or wrapped**.
Exception: Meat. The surface of the meat dries out slightly, helping to prevent the growth of bacteria, which results in the meat lasting longer. To prevent the risk of bacterial cross-contamination and meat deteriorating, do not let one type of meat come into direct contact with another type.

Humidity-controlled compartment

The humidity-controlled compartment has a regulator which is used to adjust the relative humidity.

Slide the regulator to the relative humidity level required.

💧💧 = high humidity. The regulator closes the vents to the compartment and retains the humidity already present. The humidity level greatly depends on the type and quantity of food being stored.

Please take into account that high humidity is only achieved and effective if the food is stored **unwrapped or loosely wrapped**.

– The high humidity setting 💧💧 is ideal for storing freshly harvested produce such as vegetables, salad, herbs, cabbage and home-grown seasonal fruit.

💧 = low humidity.
The regulator opens the vents to the compartment and the humidity can escape.
If the regulator is set at low humidity 💧 the humidity will be approx. the same as the humidity in the refrigerator section. At this setting, the low temperature is the main advantage of the compartment rather than the humidity.

– At the low humidity setting 💧, the atmosphere inside the humidity-controlled compartment is the same as in the dry compartment.

Take food out of the PerfectFresh zone approx. 30 - 60 minutes before using it. The aroma and taste do not fully develop until the food has reached room temperature.

Can all types of food be stored together?

Do not place all types of food together in one compartment. Some types of food do not store well together. Aromas and flavours can transfer from one type of food to another (e.g. carrots absorb the smell and flavour of onions very easily). Some food also gives off a natural gas (ethylene) which speeds up the rate at which other food perishes.

Examples of fruit and vegetables which produce a large amount of this natural gas are:

Apples, apricots, pears, nectarines, peaches, plums, avocados, figs, blueberries, melons and beans.

Examples of fruit and vegetables which react strongly to the natural gases given off by other types of fruit and vegetables are:

Kiwis, broccoli, cauliflower, Brussels sprouts, mangos, honeydew melons, apples, apricots, cucumbers, tomatoes, pears, nectarines and peaches.

Example: Broccoli should not be stored with apples, as apples produce a large amount of natural gas to which broccoli is very sensitive. The result is a shorter than expected storage time for the broccoli.

Storing food in the PerfectFresh zone

The following tips may help if you find that food you have stored does not keep well (e.g. food becomes limp or wilts after only being stored for a short time):

- Only use the appliance for storing fresh food. The condition of the food when it is first placed in the appliance is an important factor in determining how long it stays fresh.
- Clean food before placing it in the PerfectFresh zone.
- Allow very moist food to drain before placing it in the appliance.
- Do not store food which is sensitive to cold in the PerfectFresh zone (see "Food which is not suitable for storing in the refrigerator")
- Bear in mind that not all types of food can be stored together (see "Can all types of food be stored together?").
- Select the correct PerfectFresh compartment (high or low humidity).
- Store food unwrapped in the high humidity PerfectFresh compartment.
  High humidity in the PerfectFresh compartment can only be achieved by storing food which contains moisture in it.
  If the humidity is not high enough, because, for example, too little food has been stored in the compartment, you can use a wet sponge to increase the humidity.
- If you think that the temperature in the PerfectFresh zone is too high or too low, try regulating it via the refrigerator section by altering the temperature of the refrigerator section slightly by 1 to 2 °C.
  The temperature must be increased if ice crystals start to form on the floor of the PerfectFresh zone as otherwise the cold temperature will damage the food.
- If a lot of water has gathered on the base of the PerfectFresh zone, dry the base with a towel. Drain food before storage or place a rack on the floor of the PerfectFresh zone and place the food on the rack so that the moisture can drip down.

Moving the shelves

The shelves can be adjusted according to the height of the food.

- Raise the shelf, and pull it forwards slightly until the notch at the side is in line with the shelf support. It can then be raised or lowered to the required level.

The raised edge at the back must face upwards to prevent food from touching the back of the appliance and freezing to it.

Stoppers prevent the shelves from being dislodged by mistake.

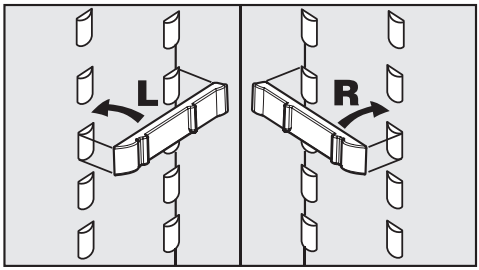
Split shelf

In order to accommodate tall items in the appliance, one of the shelves is divided. The front section can be pushed under the rear section.

- Push the rear half of the glass shelf up slightly from below.
- At the same time, pull the front half of the glass shelf forwards slightly and then push it carefully under the rear half.

To move the split shelf:

- Take both halves of the split glass shelf out,



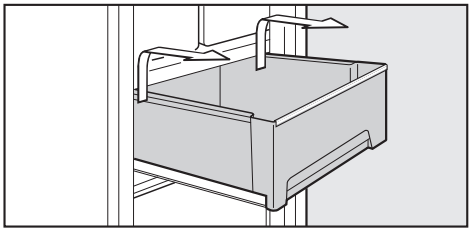
- fit the two brackets onto the supports on either side at the required height,
- and push the glass shelves in one after the other.
  The shelf with the raised edge must be at the back.

PerfectFresh zone compartments

The compartments in the PerfectFresh zone are on telescopic runners, and can be removed for filling, emptying or cleaning purposes.

Remove the bottle shelf from the door to make it easier to take out the compartments and the divider.

- Pull the compartments out as far as they will go.



- Holding the sides of the compartment at the back, lift it up and then forwards and out.

Push the runners back in again to avoid injury or damage.

- Carefully pull out the lid between the compartments slightly, and lift it down and out.
- To replace it, insert the compartment lid from beneath into the holders, and push it back into place.

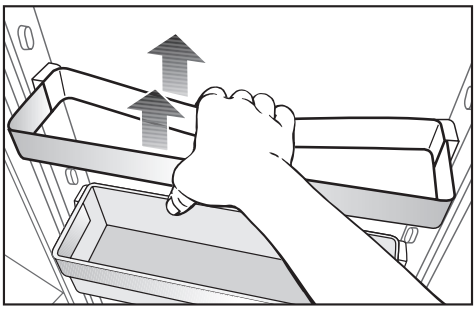
Take care when cleaning the appliance that you do not wash the special lubricant out of the telescopic runners.
Wipe them with a well-wrung out damp cloth only.

To replace the compartment

- place it back on the fully extended runners.
- Push the compartment back into the appliance until it clicks into position.

Adjusting the condiment tray/bottle shelf

- Lift the tray/shelf up and out of the stainless steel frame to remove.
- Push up the stainless steel frame, and remove.
- Replace the frame at the required height. Ensure that it is securely pushed back into position.



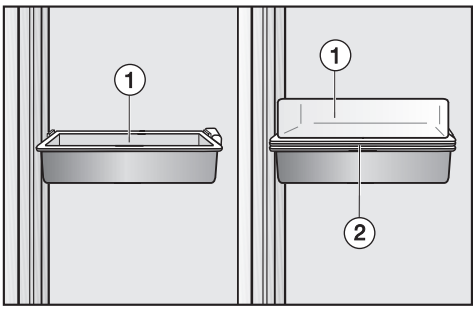
- Some stainless steel frames are easier to remove and replace if you put your hand behind the back bar of the frame and lift it upwards.
- Replace the tray/shelf in the frame.

The tray/shelf can be removed completely and used as a serving tray at the table.

Universal container

(depending on model)

The universal container can be used both to store and serve food.



It consists of a deep tray ① and a shallow tray ②. Both trays fit the stainless steel frame.

If you wish to use the universal container to serve food,

- place the shallow tray ② in the stainless steel frame, and use the deep tray as a lid ①.

You can lift the universal container, including contents, out of the frame and take it to the table.

Moving the bottle divider

(depending on model)

The bottle divider can be moved to the left or right to ensure that bottles are held securely in position when the door is opened and shut.

The bottle divider can be removed completely (e.g. for cleaning).

- To do this, push up the front edge of the bottle divider, and disengage it.

Automatic defrost

Refrigerator section and PerfectFresh zone

The refrigerator section and the PerfectFresh zone defrost automatically.

Condensate and frost can build up on the back wall of the refrigerator section and the PerfectFresh zone whilst in use. You do not need to remove this, as it will defrost and evaporate automatically with the warmth generated by the appliance.

The condensate is drained away via a channel and drain hole into an evaporation system at the back of the appliance.

Ensure that the condensate channel and drain hole are kept clean and are never blocked so that condensate can flow away without hindrance.

A range of Miele branded cleaning and conditioning products is available to order from Miele or www.miele-shop.com.

To help prevent re-soiling, treat stainless steel surfaces with Miele stainless steel conditioning agent. Unlike stainless steel cleaning agents, the conditioning agent does not contain any abrasive substances and will gently remove soiling. Each time it is used, it forms a water and dirt repellent protective coating.

Do not let water get into the electronic unit or the light.

Do not let water get into the drainage channel and drain hole when cleaning.

Do not use steam cleaning apparatus to clean the appliance. Steam could reach the electrical components and cause a short circuit.

The data plate located inside the appliance must not be removed. It contains information which is required in the event of a service call.

To avoid damaging the surface of your appliance, do not use:

- cleaning agents containing soda, ammonia, acids or chlorides,
- cleaning agents containing descaling agents,
- abrasive cleaning agents, e.g. powder cleaners and cream cleaners,
- solvent-based cleaning agents,
- stainless steel cleaning agents,
- dishwasher cleaner,
- oven sprays,
- glass cleaning agents,
- hard, abrasive sponges and brushes, e.g. pot scourers,
- melamine eraser blocks,
- sharp metal scrapers.

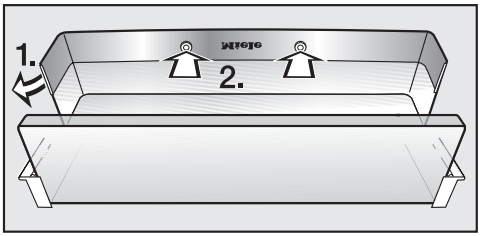
Before cleaning

- Switch the appliance off.
- Disconnect it from the mains.
- Take any food out of the appliance and store it in a cool place.
- The bottle shelf and condiment tray in the door can be removed from their stainless steel frames for cleaning.

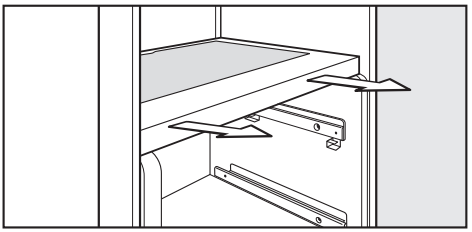
To remove the stainless steel trim from the lid of the butter and cheese compartment (in the top of the door), proceed as follows:

- Take the butter and cheese compartment out of the refrigerator section.
- Open the lid of the compartment.

The stainless steel trim is a tight fit across the plastic lid and will require sufficient force to detach it.



- Detach the stainless steel trim from the edge of the lid (1.) at one side and remove.
- Press the white plastic stoppers out of notches (2.).
- After cleaning, refit the stainless steel trim onto the lid in the reverse order.
- Remove the compartments and the lid from the PerfectFresh zone (see "Adjusting the interior fittings - PerfectFresh zone compartments")



- Pull the dividing plate out with both hands.
- Take out any removable parts, e.g. shelves, for cleaning.

Cleaning the interior and accessories

- Clean the appliance at least once a month.

Remove soiling immediately to prevent it from drying on.

Use lukewarm water with a little washing-up liquid.

The following are dishwasher safe:

– the butter dish, egg trays (supplied as standard, depending on model)

– the bottle and condiment shelves in the door (removed from their stainless steel frames)

– the butter and cheese compartment (with the stainless steel trim removed)

The stainless steel frames and the stainless steel trim on the butter and cheese compartment in the door are **not** suitable for cleaning in a dishwasher.

The temperature of the dishwasher programme must not exceed 55 °C. Contact with some foodstuffs, such as carrots, tomatoes or ketchup can cause plastic items to discolour. However, this discolouration will not affect the stability of plastic items.

- Clean the interior shelves and drawers by hand. These are **not** suitable for cleaning in a dishwasher.
- Clean the condensate channel and drain hole frequently, so that condensate can drain away unhindered. Use a straw or similar to clear the drain if necessary. Remove the PerfectFresh zone compartments first.
- The PerfectFresh zone compartments are on telescopic rails. They should only be wiped with a well-wrung-out damp cloth.

Make sure that you do not wash the special lubricant out of the telescopic rails.

- After cleaning, wipe the interior and accessories with a damp cloth and dry with a soft cloth.
  Leave the door open to air the appliance for a short while.
- Any soiling on stainless steel surfaces can be removed with Miele stainless steel conditioning agent.
- This will provide a protective coating and help prevent resoiling. It is important to treat the stainless steel trim and frames with Miele stainless steel conditioning agent each time they are cleaned.

Ventilation gaps

- The ventilation gaps should be cleaned on a regular basis with a brush or vacuum cleaner. A build-up of dust will increase the energy consumption of the appliance.

Door seal

Do not use any oils or grease on the door seal as these will cause the seal to deteriorate and become porous over time.

The door seal should be cleaned regularly with clean water and then wiped dry with a soft cloth.

After cleaning

- Push the dividing plate in until it clicks into place.
- Replace all shelves and accessories in the appliance.
- Insert the plug in the socket and switch on at the mains. Then switch the appliance back on.
- Switch on the Super cool function for a while so that the appliance can cool down quickly.
- Place food back in the appliance and close the door.

Repairs to electrical appliances should only be carried out by a suitably qualified and competent person in strict accordance with current local and national safety regulations. Repairs and other work by unqualified persons could be dangerous. The manufacturer cannot be held liable for unauthorised work.

What to do if . . .

. . . the appliance does not get cold.

- Check whether the appliance has been switched on. The temperature display must be lit up.
- Check that the plug is correctly inserted into the socket and switched on.
- Check that the fuse is not defective and the mains fuse has not tripped. If it has there could be a fault with the household electrical wiring, the refrigerator or another electrical appliance. Contact a qualified electrician or Miele.

. . . the temperature in the refrigerator is too low.

- Select a warmer temperature.
- The Super cool function is still switched on. Super cool only switches itself off after 6 hours.

. . . the compressor is switching in too frequently and for too long.

- Check whether ventilation gaps in the plinth and in the housing unit at the top have been covered over or become too dusty.
- The door has been opened too frequently, or large quantities of fresh food have been put in at once.
- Check that the door has been closed properly.

. . . bars flash in the temperature display.

Check the temperature display about 6 hours after switching on the appliance. The display will not show a temperature until the temperature in the appliance has reached a certain level.

. . . the following messages show in the temperature display "F0" to "F5".

There is a fault. Call the Service Department.

. . . you cannot switch the appliance off.

The safety lock has been activated.

. . the alarm sounds.

Has the appliance door been open for longer than 60 seconds?

- Close the door.

. . . the PerfectFresh compartment has not closed properly by itself but remains slightly open.

The self-closing mechanism has disengaged and is retracted.

- Using a little force, push the compartment in as far as it will go.

The self-closing mechanism will now function correctly and the compartment will close automatically again.

. . . the interior lighting is not working.

Has the appliance door been left open for too long? The lighting switches itself off automatically after approx. 15 minutes if the door is left open.

If it also does not come on when the door is opened briefly, but the temperature display is working, then the lighting is defective.

- Call the Service Department.

The LED lighting may only be repaired or replaced by a service technician. There are live electrical components under the cover. Danger of injury and damage.

Do not remove the cover. Should the cover be damaged or need to be removed due to damage, **exercise caution.** There are lasers in the lighting (laser beam class 1M) which you should avoid looking at directly. Do not use optical instruments (magnifying glass or similar) to look at the lighting either.

. . . the floor of the refrigerator is wet.

The condensate drain hole is blocked.

- Clean the condensate channel and drain hole.

If you still cannot remedy the fault having followed these suggestions, please contact the Miele Service Department.

To prevent unnecessary loss of temperature, it is advisable not to open the door while waiting for the appliance to be serviced.

Normal noises	What causes them
Brrrrr...	Humming noise made by the motor (compressor). This noise can get louder for brief periods when the motor is switching on.
Blubb, blubb....	A gurgling noise can be heard when coolant is circulating through the pipes.
Click....	Clicking sounds are made when the thermostat switches the motor on and off.
Sssrrrrr....	On multi-zone and frost-free appliances you can sometimes just hear the movement of air circulating inside the appliance.
Creak ...	Creaking sounds can be heard when material inside the appliance expands.

Remember that the noise of the compressor and the coolant circulating in the system is unavoidable.

Noises that you can easily rectify	What causes them, and what can you do about them
Rattling, vibrating	**The appliance is uneven:** Realign the appliance using a spirit level, by raising or lowering the screw feet underneath the appliance.
	The appliance is touching another appliance or piece of furniture: Move it away.
	Drawers, baskets or shelves are unstable or sticking: Check all removable items and refit them correctly.
	Are any bottles or containers unstable or knocking against each other? Separate them.
	The transport cable clips are hanging loose at the back of the appliance: Remove the clips.

After Sales / Guarantee

In the event of a fault which you cannot correct yourself, or if the appliance is under guarantee, please contact:

– your Miele Dealer

or

– Miele
(see back cover for contact details).

When contacting your Dealer or Miele, please quote the model and serial number of your appliance. This information is given on the data plate inside your appliance.

Please note that telephone calls may be monitored and recorded for training purposes.

N.B. A call-out charge will be applied for service visits where the problem could have been resolved as described in these instructions.

Guarantee

For information on the appliance guarantee specific to your country please contact Miele. See back cover for contact details.

In the U.K. your appliance is guaranteed for 2 years from the date of purchase. However, you must activate your cover by calling 0845 365 6640 or registering online at www.miele.co.uk.

Electrical connection U.K.

All electrical work should be carried out by a suitably qualified and competent person in strict accordance with current local and national safety regulations (BS 7671 in the UK).

The appliance is supplied with a mains cable and moulded plug ready for connection to an a.c. single phase 220-240 V 50 Hz supply.

Please ensure that the connection data quoted on the data plate match the household mains supply.

Connection should be made via a suitable switched socket which is easily accessible. For extra safety it is advisable to protect the appliance with a suitable residual current device (RCD).

Do not connect the appliance to the mains electricity supply by an extension lead. Extension leads do not guarantee the required safety of the appliance (e.g. danger of overheating).

This appliance must not be connected to the inverter of an autonomous power supply, e.g. a solar power system. When switching the appliance on, a surge in power could trigger the safety cut-out mechanism. This could damage the electronic unit.

The appliance must not be used with so-called energy saving devices. These reduce the energy supply to the appliance which could then become too warm. Using such devices could alter the specification of the product.

Non-rewireable plugs (BS 1363)

The fuse cover must be re-fitted when changing the fuse, and if the fuse cover is lost, the plug must not be used until a suitable replacement is obtained. The colour of the correct replacement cover is that of the coloured insert in the base of the plug, or the colour that is embossed in words in the base of the plug (as applicable to the design of the plug fitted).

Replacement fuses should be ASTA approved to BS 1362 and have the correct rating. Replacement fuses and fuse covers may be purchased from your local electrical supplier.

WARNING
THIS APPLIANCE MUST BE EARTHED

This appliance must be built in, otherwise it could tip up.

Location

This appliance should be installed in a dry, well-ventilated room. It should not be installed where it is exposed to direct sunlight or directly adjacent to a heat-producing appliance such as an oven or a radiator. The room temperature should not go above or below the climate range for which the appliance is designed. The higher the ambient temperature of the room, the more energy the appliance requires to operate.

Side-by-side

To avoid a build-up of condensation and resultant damage, refrigerators with PerfectFresh zones should not generally be installed side-by-side next to other refrigeration appliances.

The **K 9557 iD-4** and **K 9757 iD-3** refrigerators, however, have foamed in side-wall heaters enabling them to be installed side-by-side with certain freezers.

Your dealer will be able to advise you on which models are suitable.

- The refrigerator must be installed to the right of the freezer (when viewed from the front). The side wall heating in the internal wall is insulated to prevent the build-up of condensation between the two appliances.

Important: tropical / humid environments
During periods of high humidity, some condensation may appear on outside surfaces of cooling appliances. This condensation will disappear when humidity levels drop. For prevention, it is advisable to install the appliance with sufficient ventilation in a dry and/or an air-conditioned room.
Please ensure that doors are closing and sealing properly.
Please ensure that the appliance is installed in accordance with these installation instructions and that the handle is fitted correctly. Should you require further assistance please contact your Miele customer service centre.

Climate range

The appliance is designed for use within certain climate ranges (ambient temperatures), and should not be used outside this range. The climate range of the appliance is stated on the data plate inside the appliance.

Climate range	Ambient room temperature
SN	+10 °C to +32 °C
N	+16 °C to +32 °C
ST	+16 °C to +38 °C
T	+16 °C to +43 °C

Operating in a room which is too cold will cause the cooling system to switch off for too long, causing the internal temperature in the appliance to rise with the risk of food deteriorating and going off.

Ventilation

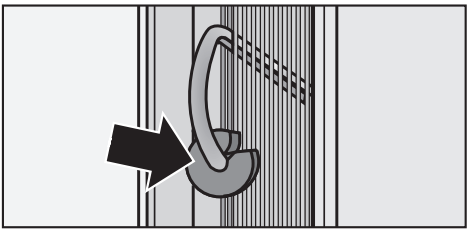
Air at the back of the appliance gets warm. The appliance housing unit must be constructed to allow sufficient space for ventilation.

The air inlet to the appliance is via the plinth in the housing unit.
A ventilation gap of at least 38 mm depth must be allowed for behind the appliance for air to circulate.
The cross-sectional area for ventilation in the plinth and the housing unit and also beneath the ceiling needs to be at least 200 cm^2 throughout to ensure that warm air can be drawn through unhindered. Otherwise the appliance has to work harder, resulting in an increase in electricity consumption.

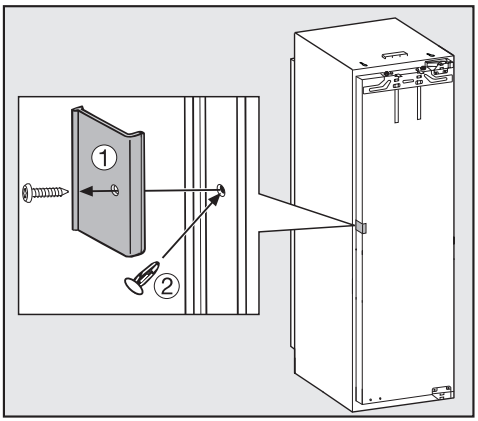
The ventilation gaps must not be covered or blocked in any way. They should be dusted on a regular basis.

Before installing the appliance

- Before installation remove the cover strip, sealing strip and other accessories from inside the appliance and from the external rear wall of the appliance.



- Do not remove the spacers from the back of the appliance. These ensure the gap required between the back of the appliance and the wall is maintained.
- Remove any cable clips from the rear of the appliance.



- Remove the red transport fixing ①, and use the stopper supplied ② to plug the empty hole.

- Check that all parts at the back of the appliance are unhindered. Carefully remove any hindrance.

Does your old appliance have a different hinging mechanism?

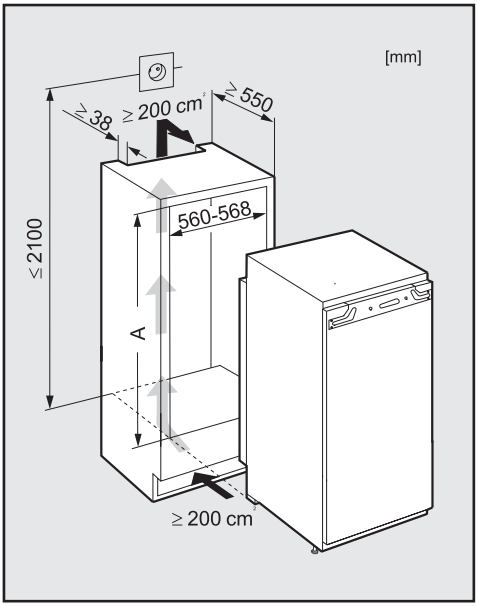
If your old appliance had a different type of hinging, the furniture door can still be used. Remove the old hinges from the housing unit. They are no longer required because the furniture door is now fitted to the appliance door. All the necessary parts are supplied or can be ordered from the Miele Spare Parts Department.

Stainless steel front

(depending on model)

The old door can be replaced by a stainless steel front if required.

This is available from your dealer or the Miele Spare Parts Department.



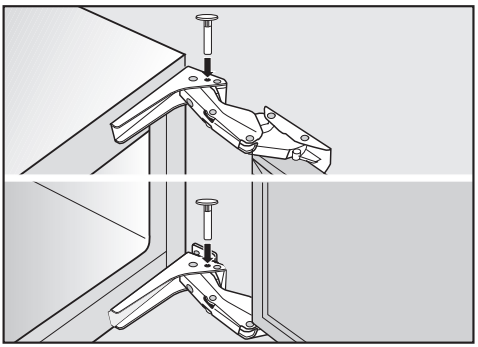
	Niche height [mm] **A**
K 9457 iD-4	1220 - 1236
K 9557 iD-3/-4	1397 - 1413
K 9757 iD-3	1772 - 1788

Adjusting the door hinges

The door hinges are set ex-works to enable the doors to be opened wide.

However, if the opening angle of the door needs to be limited for any reason, the hinges can be adjusted to accommodate this.

For example, if the appliance door hits an adjacent wall when opened, the opening angle can be limited to 90°.



- Place the locking pins supplied for limiting the door opening into the hinges from above.

The door opening angle is now limited to 90°.

Before building the appliance in, you will need to decide on which side the door is to be hinged. If left hand door hinging is required, follow the instructions below.

To change the door hinging you will need the following tools:

– a cross-slotted screwdriver,

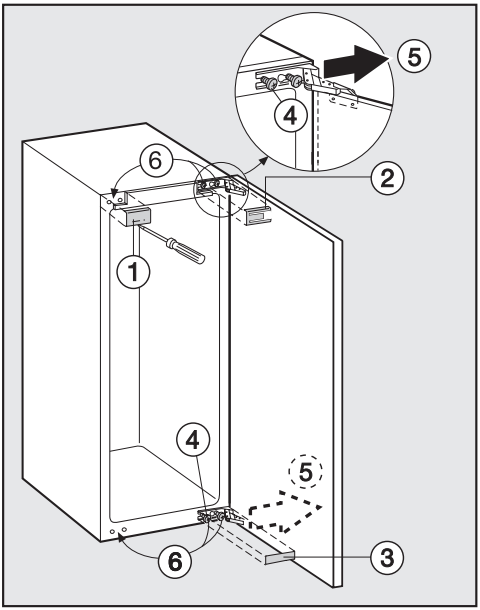
– a screwdriver,

– a selection of Torx screwdrivers,

– a spanner.

Appliance door

■ Open the appliance door.



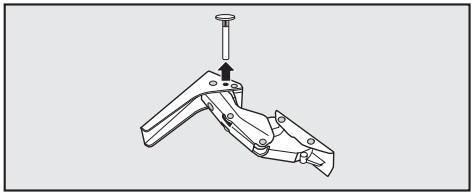
■ Remove covers ①, ② and ③ with a screwdriver.

■ Loosen fixing screws ④ at the top and the bottom slightly.

■ Slide the door outwards and lift it off ⑤.

■ Unscrew the fixing screws ④ completely, and loosely screw them in at the top and bottom on the opposite side of the appliance ⑥.

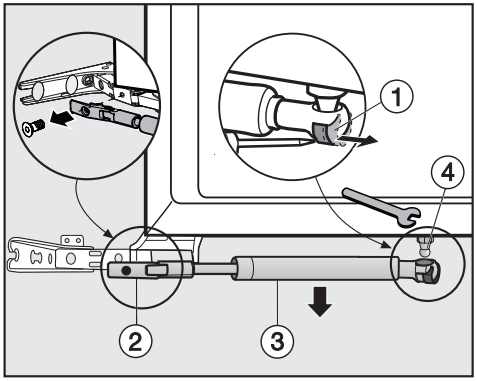
If you have put locking pins into the hinges to stop the door opening too far:



■ Remove the locking pins from the top of the hinges.

To remove the soft-close mechanism

■ Place the door with the outer side downwards on a stable surface.

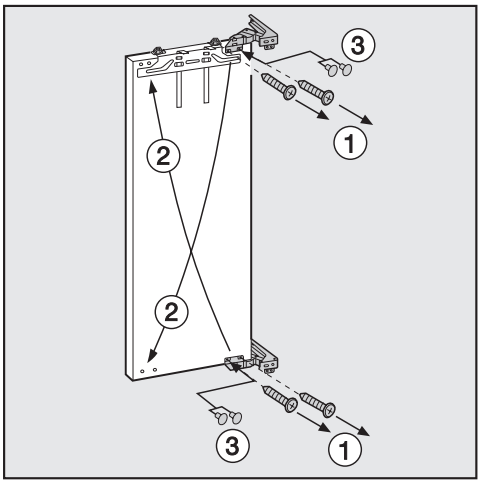


■ Using a screwdriver, carefully push tension spring ① outwards.

Warning. The soft-close mechanism snaps shut when dismantled. Danger of injury.

Changing the door hinging

- Unscrew mounting ② and pull soft-close mechanism ③ downwards to remove it.
- Undo ball joint ④ using a spanner and remove it.
- Stand the appliance door up, and loosen the hinges at the front (the hinges remain open).



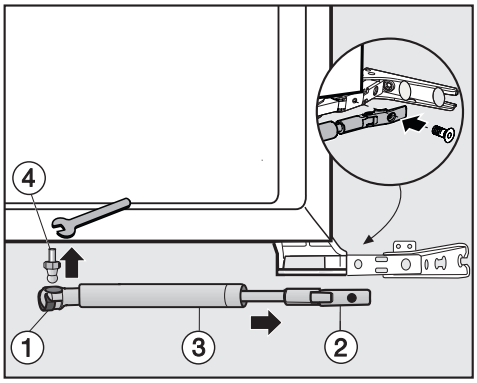
- Remove screws ①, and use the stoppers supplied ③ to plug the empty holes.

Do not close up the hinges. Danger of injury.

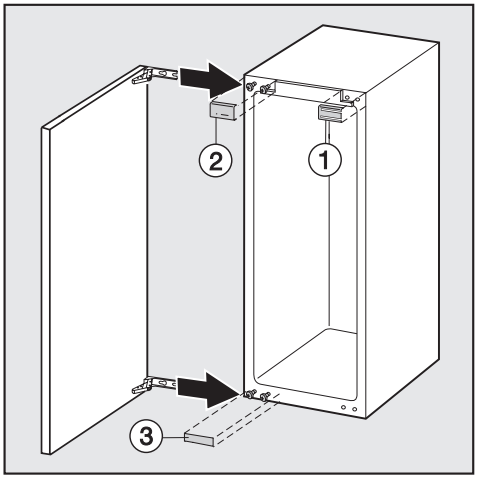
- Replace the hinges in their diagonally opposite corners ②.
- Use a powered screwdriver to secure the hinges; screws ① are self-tapping.

To secure the soft-close mechanism

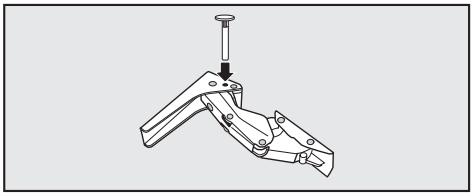
- Place the door with the outer side downwards on a stable surface.



- Screw ball joint ④ of soft-close mechanism ③ into the new fixing holes.
- Push tension spring ① inwards again.
- Screw mounting ② onto the hinge and tighten securely.
- Open out soft-close mechanism ③ and hook it onto ball joint ④.



- Push the appliance door onto the pre-fitted screws, and then tighten the screws.
- Replace covers ①, ② and ③.



- Replace the locking pins into the top of the hinges to prevent the doors opening too far.

All fitting instructions given are for a **right hand hinged** appliance. If you have converted the appliance to left hand hinging you will need to adapt these instructions accordingly.

To install the appliance you will need the following:

– a cross-slotted screwdriver,

– a selection of Torx screwdrivers,

– a hexagon spanner.

Weight of the furniture door

Before fitting a furniture door, ensure that the weight of the door does not exceed the maximum permitted:

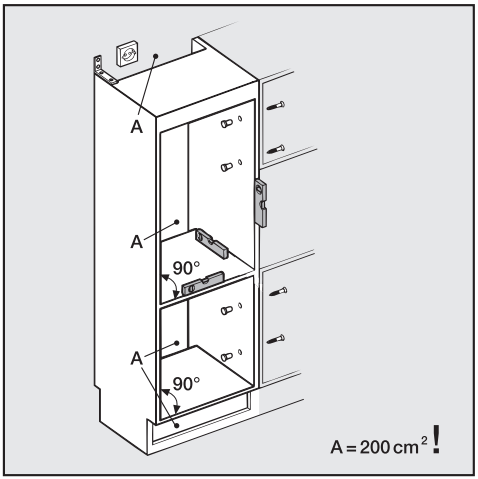
Appliance	Maximum weight of furniture door in kg
K 9457 iD-4	19
K 9557 iD-3/-4	20
K 9757 iD-3	23

Fitting a door which is heavier than the maximum permitted could damage the hinges.

Building into a peninsular run

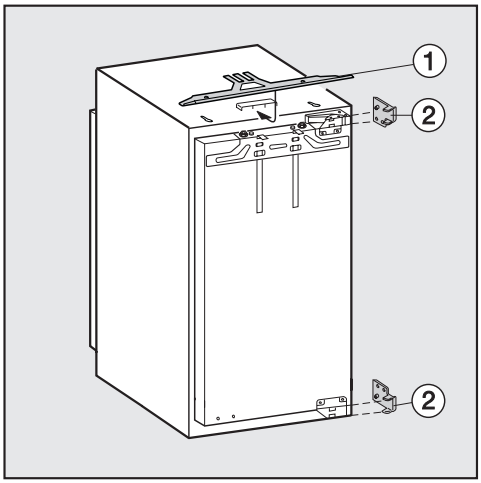
When built into a peninsular run, the rear of the building-in niche must be fitted with a kitchen furniture panel.

Aligning the housing unit

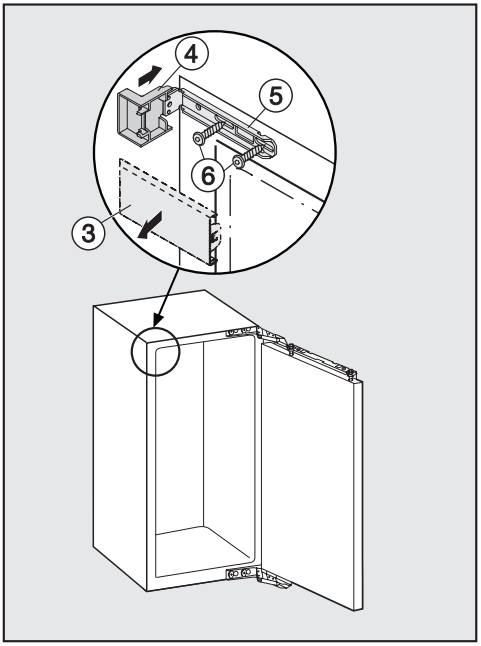


The housing unit must be carefully aligned using a spirit level before installing the appliance. The unit corners must be at right angles, as otherwise the furniture door will not align correctly with the 4 corners of the appliance.

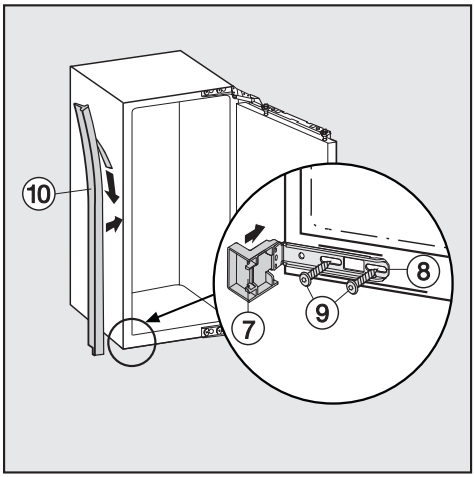
Preparing the appliance



- Slide cover strip ① into the holder in the middle of the appliance as illustrated with the bumps facing downwards. The bumps will fit into the keyhole slots.
- Position the mains electricity cable so that the appliance can be connected easily once installed.
- Push the appliance two-thirds of the way into its niche.
  When doing this, make sure that the mains cable does not get trapped.
- **With 16 mm thick furniture walls:** clip spacers ② over the hinges.
- Open the appliance door.

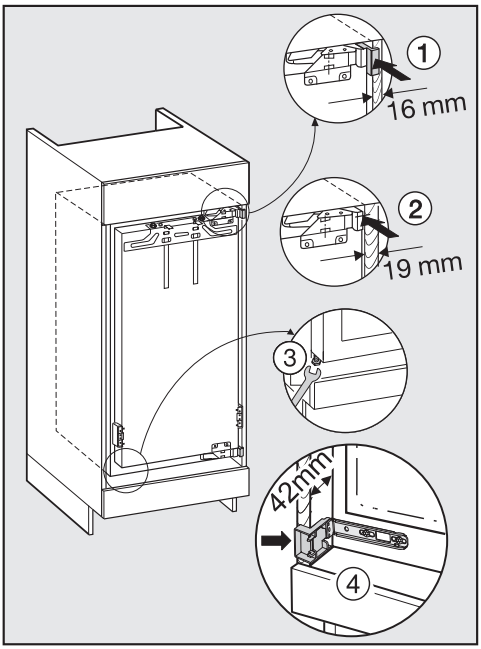


- Using a screwdriver, remove cover ③ from the top corner of the appliance.
- Fit cover ④ onto fixing bracket ⑤.
- Secure fixing bracket ⑤ to the top of the appliance with screws ⑥ (M5 x 15).



- Fit cover ⑦ onto fixing bracket ⑧.
- Secure fixing bracket ⑧ to the bottom of the appliance with screws ⑨ (M5 x 15).
- Carefully remove the protective foil from sealing strip ⑩.
- Apply the sealing strip to the side of the appliance on which the door is opened so that it is flush with the front edge of the appliance.
  Fit the sealing strip so that it meets up with the lower edge of top cover ④ and then cut the sealing strip 2 - 3 mm above bottom fixing bracket ⑧.
- Push the appliance into the niche until covers ④ and ⑦ touch the front edge of the side walls of the housing unit.

Building in the appliance



– **With 16 mm thick walls:**
  The spacers should touch the front edge at the top and bottom of the side walls of the housing unit, detail ①.

– **With 19 mm thick walls:**
  The front edges of the top and bottom hinges sit flush with the front edge of the housing unit side walls, detail ②.

- Make sure that the covers on the top and bottom fixing brackets sit flush with the front edges of the housing unit side walls, detail ④.

This will create a gap all round of **42 mm** to the front edges of the housing unit side walls.

On furniture with door fittings (e.g. stubs, seals etc) the dimension of these must be taken into account when making sure there is a gap all round of **42 mm**.

- Pull the appliance forwards by the dimension of the door fitting to keep the gap at 42 mm all round.

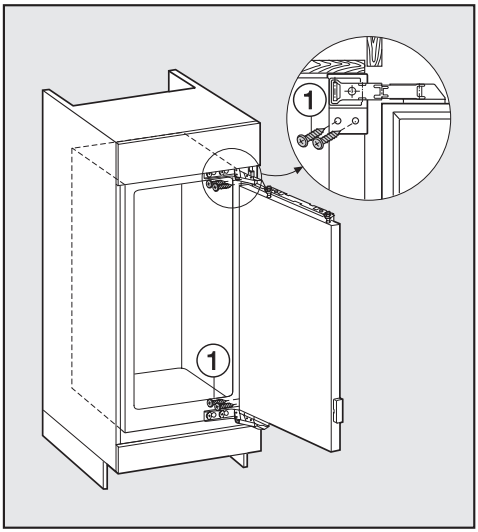
The hinges and the covers will now protrude by the dimension of the door fitting.

Tip: Removing the door fittings. This will ensure that the door is flush with the surrounding kitchen unit furniture doors.

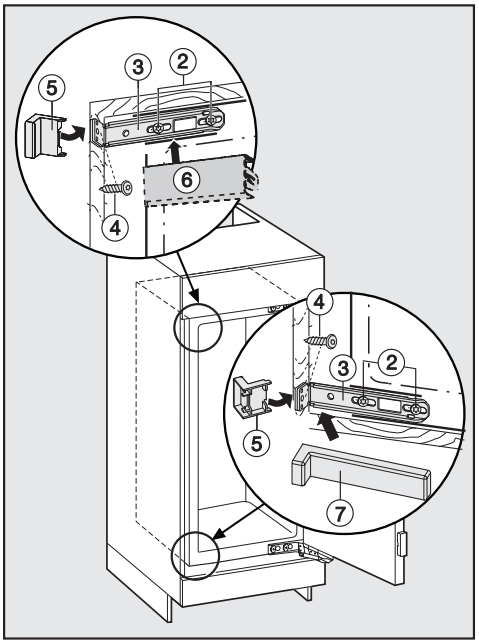
If the all round gap of 42 mm is not maintained between the appliance casing and the front edge of the housing unit side wall the door may not shut properly.
This could lead to a build-up of ice and condensation and also cause operational faults.

- Align the appliance height on both sides by altering the adjustable feet using the spanner supplied ③.

Securing the appliance in the niche

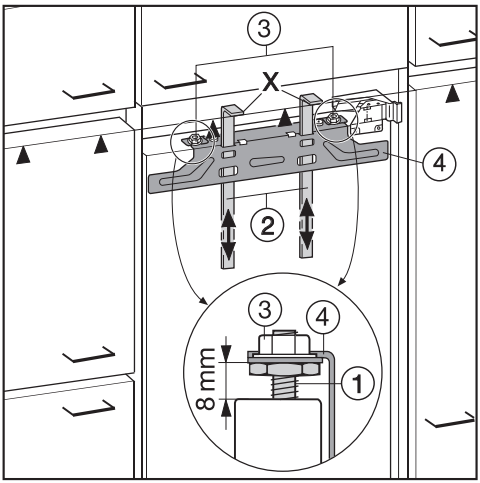


- Press the appliance against the housing unit wall on the hinge side.
- To fix the appliance to the housing unit at the top and bottom, screw the long 4 x 20 mm chip board screws ① into the hinges at the top and bottom.

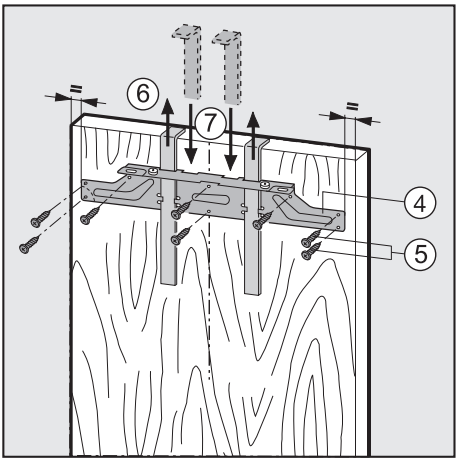


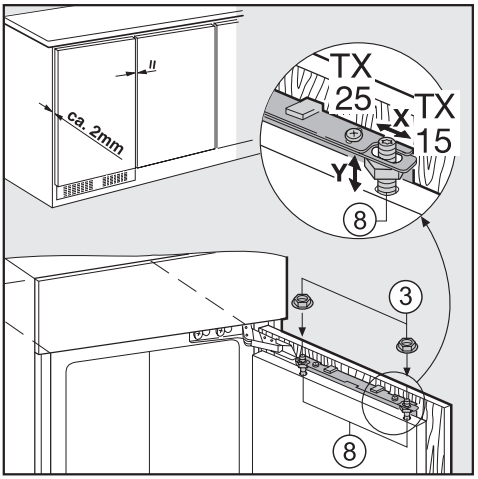
- Loosen screws ② on the top and bottom fixing brackets ③.
- Press fixing bracket ③ against the side wall and tighten screws ②.
- Attach fixing bracket ③ to the housing unit side wall with screws ④. Drill holes in the housing unit side walls if necessary.
- Break off the protruding end of top cover ⑤, turn the cover around and fit it on top fixing bracket ③.
- Fit oblong cover ⑥ onto top fixing bracket ③.
- Break off the protruding end of bottom cover ⑤. It is no longer required.
- Fit angled cover ⑦ onto bottom fixing bracket ③.
- Close the appliance door.

Fitting a furniture door



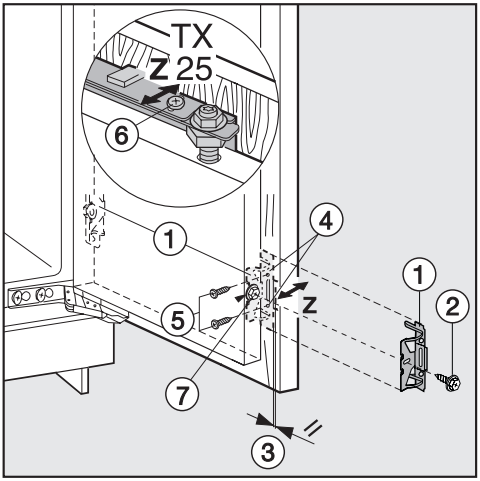
- A gap of 8 mm ① must be set between the appliance door and the central fixing bracket.
- Push fitting aids ② up to the height of the furniture door: the lower edge X of the fitting aids must be at the same height as the upper edge of the furniture door being fitted (see ▲ on the diagram).
- Undo nuts ③ and take fixing bracket ④ off together with the fitting aids.





- Using a pencil, lightly mark a line down the centre of the inside of the furniture door.
- Hang fixing bracket ④ with the fitting aids onto the **inside** of the furniture door. Align the fixing bracket centrally.
- Attach the fixing bracket securely using at least 6 short chipboard screws ⑤ (4 x 14 mm). (On cassette doors only use 4 screws on the edges).
- Pull the fitting aids upwards to remove them ⑥.
- Turn them around and fit them into the middle slots on fixing bracket ⑦ for safe keeping.
- Hang the furniture door onto adjusting bolts ⑧.
- Loosely attach nuts ③ on the adjusting bolts.
- Close the door and check the distance between the door and neighbouring furniture doors.
- Align to match neigbouring doors if necessary:
  Side adjustments X are made by sliding the furniture door, and height adjustments Y by turning adjusting bolts ⑧ with a screwdriver.
- Tighten nuts ③.

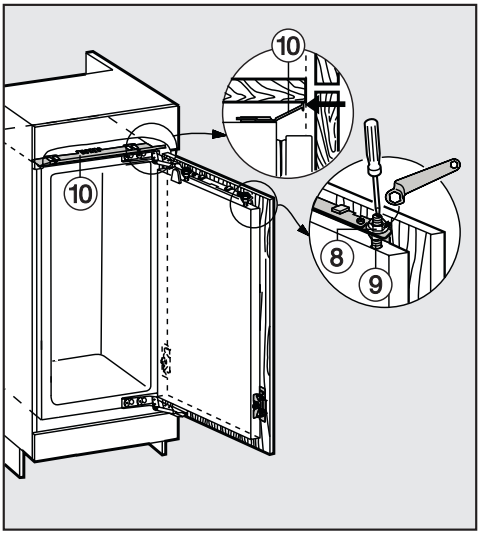
Securing the appliance door to the furniture door:



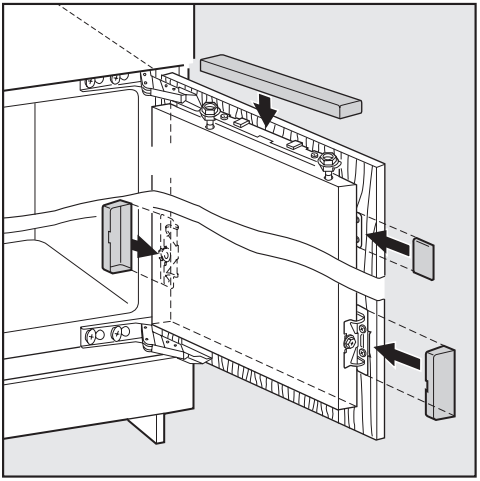
- Screw fixing bracket ① into the pre-drilled holes in the appliance door using hexagonal screw ②. Make sure the two metal edges ③ are aligned (Symbol *//*).
- Drill fixing holes ④ in the furniture door, and screw in 4 x 14 mm screws ⑤.

(On large or divided doors, attach a second pair of fixing brackets ① in the handle region of the door. Use the pre-drilled holes in the appliance door.)

– Align depth Z on the furniture door: Loosen screws ⑥ at the top of the appliance door, and loosen the hexagon-headed screw ⑦ at the bottom of the fixing bracket. By moving the furniture doors, create a gap of 2 mm between the furniture doors and the front edge of the niche.



- Close the door and align it with neighbouring furniture doors.
- Whilst counterholding the adjusting bolts ⑨ with a screwdriver, tighten nuts ⑧ on the appliance door.
- Cover strip ⑩ must be completely hidden in the niche, and must not protrude.
- Tighten all screws again.



■ Replace all the covers.

To make sure the appliance is correctly fitted:

– The door must close properly.

– The door must not touch the furniture carcase.

– The seal at the top edge of the handle side must fit properly.

To double check place a torch in the appliance and close the doors. Turn the lights out in the room. If you can see any light shining out from the sides double check the installation.

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